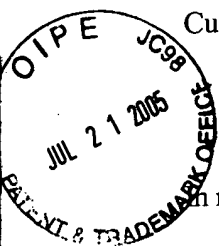


TFW

Attorney Docket No.: 320727.51001  
Customer No. 27160

U.S. Patent Application No.  
10/697,870



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Lola M. REID et al.

Application No.: 10/697,870

Filed: October 31, 2003

For: TEXTILES FOR USE IN  
BIOREACTORS FOR EXPANSION  
AND MAINTENANCE OF CELLS

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:  
Group Art Unit: 1744  
:  
Examiner: Not Yet Assigned  
:  
Confirmation No.: 9017  
:  
:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

July 21, 2005

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. §1.56 and in accordance with the practice under 37 C.F.R. §§1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Forms PTO/SB/08A and PTO/SB/08B. In accordance with current practice, copies of any listed U.S. Patent documents are not being provided.

**FORMAL MATTERS**

In accordance with 37 C.F.R. § 1.97(b)(3), since a first Official Action on the merits of the subject application has not yet been issued, neither a certificate, petition nor payment of a fee is believed to be required for this Information Disclosure Statement. However, the Commissioner is hereby authorized to charge any fee which may be required in connection with this paper to Deposit Account No. 50-1710.

Attorney Docket No.: 320727.51001  
Customer No. 27160



U.S. Patent Application No.  
10/697,870

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Forms PTO/SB/08A and PTO/SB/08B be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 625-3500. All correspondence should continue to be directed to our address given below.

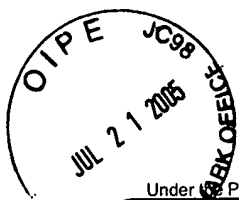
Respectfully submitted,

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Patent Administrator  
KATTEN MUCHIN ROSENMAN, LLP  
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(202) 625-3500





PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/697,870
				Filing Date	October 31, 2003
				First Named Inventor	REID, Lola M.
				Art Unit	1744
				Examiner Name	Not Yet Assigned
Sheet	2	of	4	Attorney Docket Number	320727.51001

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Busuttil, R. W. et al. Ann Surg 1987, 206, 387	
		Abe, T. et al., Therapeutic Apheresis 2000, 4:26	
		Xu, A.S.L. et al., 2000 in Lineage Biology and Liver, Lanza, R.P., Langer R., and Vacanti, J. (Ed.), Academic Press, San Diego, pp. 559-597	
		Brill, S. et al., Differentiation 1995, 59, 95	
		Sigal S.H. et al., Differentiation 1995, 59, 35	
		Kasai et al. Artif Organs 1994, 18, 348	
		Macdonald, J.M. et al. NMR Biomed 1998, 11, 1	
		Glacken M.W. et al. Ann NY Acad Sci 1983, 413, 355	
		Catapano, G. et al. Int J Art Organs 1996, 19, 61	
		Macdonald, J.M. et al., 1999, in Cell Encapsulation Technology and Therapeutics, Kuhlreiber, W., Lanza, R.P. and Chick, W.L. (Eds.) Birkhauser Boston, Cambridge, pp. 252-286. In bioartificial livers with serial oxygenation aerated with air, oxygen becomes axially limiting in perfusion media by 25 mm	

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				Application Number	10/697,870
				Filing Date	October 31, 2003
				First Named Inventor	REID, Lola M.
				Art Unit	1744
				Examiner Name	Not Yet Assigned
Sheet	3	of	4	Attorney Docket Number	320727.51001

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Smith, M.D. et al Int J Artif Organs 1996, 19, 36	
		Callies, R. et al., Bio/Technology 1994 12:75	
		Cremmer, T. et al. J Cell Physiol 1981, 106, 99	
		Imamura, T. et al. Anal Biochem 1982, 124, 353	
		Mufti N.A. and Shuler, M.L., Biotechnol. Prog., 1995, 11, 659	
		Sato, Y. et al., Surg. Today, 1997, 27, 518	
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		Brill, S. et al. Proc Soc Exp Biol Med 1993, 204, 261	
		Mooney, et al," Long-term Engraftment of Hepatocytes Transplanted on Biodegradable Polymer Sponges," J. Biomed. Mater. Re., 37: 413-420 (1997) (incorporated by reference in entirety)	

Examiner Signature	Date Considered
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		Mehri, et. al., "Cellular Reactions to Polyester Arterial Prostheses Impregnated with Cross-Linked Albumin: In Vivo studies in Mice," Biomat. 10(1): 56-58 (1989)	
		Gupta et al., "Bio-mechanics of human carotid artery and design of novel hybrid textile compliant vascular grafts," J. Biomed. Mat. Res. 34:341-349 (1997)	
		Mizelle et al., "Development of Biomechanically Compliant Arterial Grafts," Proc. 15th South. Biomed. Eng. Conf., IEEE, 110-113, (1996)	
		Mickelson, J.K. et al. Hepatology 1995, 22, 866	
		Block, G.D. et al. J Cell Biol 1996, 132, 1133	
		Sanchez, A. et al. Exp Cell Res 1998, 242, 27	
		Hornicek, F.L. et al. Bone Miner 1988, 4, 157	

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